

# AGILITY SUMMIT CHALLENGE



*Shaping the future  
of the unmanned fleet*

**OVER \$100K  
IN PRIZES**

SEPTEMBER 13<sup>TH</sup>-17<sup>TH</sup>  
ALEXANDRIA • VA 2021

**REGISTER AT:**

<https://navalxagilitysummit.ideascale.com>

*Submit your ideas by August 2, 2021*

## CHALLENGE DETAILS

Challenge is open to: *Active duty Marines and Sailors, DoN Federal Employees, Naval accession programs students*

### How to participate in the Agility Summit Challenge:

- Step 1: Register on Ideascale: <https://navalxagilitysummit.ideascale.com>
- Step 2: Submit idea(s) for any of the campaigns by **August 2, 2021**
- Step 3: Vote and comment on other participants' ideas

### Solution Champions will:

- Be selected and announced August 13, 2021
- Have all travel expenses paid to participate in Agility Summit, September 13-17, 2021 at NavalX
- Refine their idea through problem curation and pitch workshops
- Receive tours pertaining to their Challenge Campaign in Washington, DC
- Pitch their solutions to a distinguished panel for a chance to gain endorsement from resource and requirement stakeholders

Last year's distinguished panel members: ASN(RDA), DASN RDT&E, Chief of Naval Research, and OPNAV N7

Winning pitches will be announced at the conclusion of Agility Summit 2021

*Please inform your Chain of Command of your participation, and possible travel to NavalX in Alexandria VA, in the event that you are selected*

**NavalX Headquarters:** The Garden by Building Momentum  
5380 Eisenhower Ave., Suite C • Alexandria, VA 22304

**Point of Contact:** Craig Veech  
[robert.c.veech@navy.mil](mailto:robert.c.veech@navy.mil) • 202-550-8694

# CHALLENGE

## CAMPAIGNS



POWERED BY **NAVAL**

### OPERATOR EXPERIENCE

*Improving Human - Machine Teaming*

#### **Problem Statement**

Successful employment of autonomous systems will require intuitive and effective human-machine teaming, enabling seamless integration across naval warfighting platforms and domains. The current culture of human-machine integrated design produces capable, but unique weapon systems.

**Question:** How do we ensure that current and future unmanned system designs enable a common user experience across departmental and joint capability requirements?

### OPERATOR TRAINING

*Preparing the Unmanned Fleet*

#### **Problem Statement**

Operational requirements are in constant battle with manning and qualification shortages. Introduction of unmanned vehicles/assets will inevitably increase readiness requirements, with an initial deficit in qualified personnel available.

**Question:** How do we ensure that, when unmanned systems are mature enough for field engagement, there are enough qualified users to employ them?

### LOGISTIC SUPPORT

*Bolstering Autonomous Supply Chain Management*

#### **Problem Statement**

With the ever-increasing need to restore, replenish, refuel, rearm, and revive our Navy and Marine Corps' deployed assets, the naval enterprise has acknowledged our current limitations for in-theater sustainment.

**Question:** How can we leverage and employ unmanned technology to bolster our supply chain management capabilities?

### COMMON DATA STANDARDS

*Migrating From Siloed to Shared Data*

#### **Problem Statement**

Unmanned systems will require the ability to analyze and synchronize high volumes of data to achieve initial capability / sustained reliability in the field. The shift from disaggregated or "siloed" data to integrated data environments is underway but must be bolstered and accelerated.

**Question:** Will common standards enable data sharing across platforms and domains, and increase the speed in which developing capabilities reach maturity and reliability? Is there a preferred set of common data standards across DoD?